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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

FEBRUARY 1945

This publication is issued monthly for the dissemination of information, instructions, ruling, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year (foreign, 60 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

CONTENTS

	Page
Changes in directory.....	7
Livestock inspected when offered for importation, January 1945.....	7
Summary of tuberculosis-eradication work in cooperation with States, January 1945.....	8
Summary of brucellosis (Bang's disease) work in cooperation with States, January 1945.....	9
Biological products prepared under licenses, January 1945.....	10
Inspections and tests in the production of anti-hog-cholera serum and hog-cholera virus under licenses, January 1945.....	10
Licenses issued for biological products, January 1945.....	10
Permit issued for organisms or vectors, January 1945.....	11
Information available concerning new dip for sheep ticks.....	11
Press clippings on Bureau activities desired.....	11
Amendments to Department regulations.....	11
New publications of the Bureau.....	12
Organization of the Bureau of Animal Industry.....	12

CHANGES IN DIRECTORY

Change of Official in Charge

Dr. T. Bernard Sawyer succeeds Dr. J. W. Joss (deceased) as acting inspector in charge, East St. Louis, Ill.

Change of Address of Official in Charge

Dr. A. W. Rice, 529 Donaghey Trust Building, Little Rock, Ark., instead of 507 Federal Building, effective February 1, 1945.

LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION, JANUARY 1945

Port of entry	Cattle	Swine	Sheep	Goats	Horses	Mules and asses
Mexican border ports.....	35,853				86	1
Canadian border ports.....	3,513	61	13,011		1,354	
Dominican Republic (to Puerto Rico).....						21
Total:						
January 1945.....	39,366	61	13,011		1,440	22
January 1944.....	15,974	141	222	2	1,453	7

Refused entry: 23 cattle, 3 horses, and 5 sheep (these figures are not included in the table above).

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JANUARY 1945

State or Territory	Tuberculin tests during month			Accredited herds ¹	Herds under supervision	Inspector in charge	State official
	Cattle	Infected premises	Cattle re-acted				
Alabama.....	1,279	1	1	673	271,548	B. N. Lauderdale	I. S. McAdory, Auburn.
Arizona.....	4,411	9	19	1	12,593	F. L. Schneider	Vego Mikkelsen, Phoenix.
Arkansas.....	168	0	0	0	228,256	A. W. Rice	Jos. S. Campbell, Little Rock.
California.....	60,862	41	154	6	74,669	H. M. O'Rear	A. K. Carr, Sacramento.
Colorado.....	1,779	11	21	26	60,486	Edgar Heiny	R. M. Gow, Denver.
Connecticut.....	19,196	26	58	17,820	18,988	R. L. Smith	Claude Jones, Hartford.
Delaware.....	3,560	4	4	2,099	7,564	O. L. Lockwood	Harry McDaniel, Jr., Dover.
Dist. of Col.....	0	0	0	2	17	A. E. Wight	J. V. Knapp, Tallahassee.
Florida.....	4,273	1	1	46	67,656	T. H. Applewhite	Tom Linder, Atlanta.
Georgia.....	998	0	0	77	242,957	W. C. Dendinger	H. R. Groome, Boise.
Idaho.....	4,125	2	4	29	51,500	F. F. Fischer	C. E. Fidler, Springfield.
Illinois.....	52,903	79	163	730	244,167	A. K. Kuttler	J. L. Axby, Indianapolis.
Indiana.....	10,118	19	24	1,162	147,750	J. A. Barger	C. C. Franks, Des Moines.
Iowa.....	62,617	163	259	530	194,440	W. A. Sullivan	Will J. Miller, Topeka.
Kansas.....	3,039	7	9	159	171,032	Ralph Graham	B. F. Pigg, Frankfurt.
Kentucky.....	1,285	1	1	29	163,867	E. E. Coshaw	E. P. Flower, Baton Rouge.
Louisiana.....	1,650	2	4	0	148,804	W. A. McDonald	Francis G. Buzzell, Augusta.
Maine.....	1,077	0	0	161	43,817	B. J. Cady	A. L. Brueckner, Baltimore.
Maryland.....	15,742	6	6	14,413	44,755	O. L. Lockwood	Harrie W. Polce, Boston.
Massachusetts.....	19,901	19	39	19,302	20,516	E. M. Aldrich	C. H. Clark, Lansing.
Michigan.....	27,253	49	82	54	207,087	C. H. Hays	Ralph L. West, St. Paul.
Minnesota.....	2,232	5	12	607	185,080	W. J. Fretz	H. C. Simmons, Jackson.
Mississippi.....	1,899	0	0	4	260,170	Hartwell Robbins	J. W. George, Jefferson City.
Missouri.....	477	0	0	58	239,687	E. C. Hughes	W. J. Butler, Helena.
Montana.....	1,801	0	0	19	73,033	G. W. Cronen	J. R. Snyder, Lincoln.
Nebraska.....	1,883	6	13	23	135,277	J. W. Murdoch	W. B. Earl, Reno.
Nevada.....	7	0	0	0	3,441	H. H. Still	R. W. Smith, Concord.
New Hampshire.....	20,510	11	20	16,865	19,088	E. M. Aldrich	R. A. Hendershott, Trenton.
New Jersey.....	21,837	39	99	13,251	15,909	J. R. Porteus	Sam McCue, Albuquerque.
New Mexico.....	1,199	0	0	3	25,450	F. L. Schneider	Ivan G. Howe, Albany.
New York.....	68,703	69	155	118,446	129,487	H. B. Leonard	William Moore, Raleigh.
North Carolina.....	1,886	1	1	562	256,713	A. A. Husman	T. O. Brandenburg, Bismarck.
North Dakota.....	2,874	1	1	94	68,003	F. C. Driver	D. C. Hyde, Columbus.
Ohio.....	19,717	12	25	712	238,067	A. J. DeFosset	W. W. Rosenberry, Oklahoma City.
Oklahoma.....	2,406	0	0	10	160,416	C. H. Fauks	W. H. Lytle, Salem.
Oregon.....	9,022	15	59	2,160	145,201	S. B. Foster	C. P. Bishop, Harrisburg.
Pennsylvania.....	25,427	35	94	6,527	164,691	J. B. Reidy	J. S. Barber, Providence.
Rhode Island.....	3,364	16	36	2,492	2,781	E. M. Aldrich	W. K. Lewis, Columbia.
South Carolina.....	534	0	0	105	57,331	W. K. Lewis	R. S. Robinson, Pierre.
South Dakota.....	2,864	7	8	3	73,365	Neil Plank	C. E. Kord, Nashville.
Tennessee.....	1,051	0	0	23	294,936	H. L. Fry	E. A. Grist, Fort Worth.
Texas.....	11,065	5	16	62	372,281	F. H. Darby	J. I. Curtis, Salt Lake.
Utah.....	85	2	2	0	87,311	H. L. Melvin	Stanley Judd, Montpelier.
Vermont.....	19,918	9	24	16,232	22,271	N. H. Howlett	H. C. Givens, Richmond.
Virginia.....	8,232	4	11	486	199,500	H. S. Miller	M. O. Barnes, Olympia.
Washington.....	4,085	5	7	11	82,533	J. C. Exline	T. C. Green, Charleston.
West Virginia.....	2,010	1	1	620	115,853	H. M. Newton	V. S. Larson, Madison.
Wisconsin.....	24,148	22	63	4,363	180,615	J. S. Healy	George H. Good, Cheyenne.
Wyoming.....	1,096	2	6	2	21,696	W. E. Logan	E. H. Willers, Honolulu.
Hawaii.....	0	0	0	0	1,800	A. H. Julien	Fernando A. Villamil, San Juan.
Puerto Rico.....	6,631	4	7	0	62,568	E. E. Maas	Ralph L. Williams, Christiansted.
Virgin Islands.....	0	0	0	0	420	do	
Total.....	563,199	711	1,509	241,059	6,117,513		

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, JANUARY 1945¹

State or Territory	Tests made of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month ¹	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
	Herds	Cattle	Herds	Cattle	Reactors				Herds	Cattle		
					For slaughter	Held in calfhood vaccinated herds ²						
Alabama	1,371	12,381	47	5,963	567	20	654	39	9	202	169,184	3,069
Arizona	92	885	27	517	19	4	94	0	2	125	4,506	1,000
Arkansas	411	5,301	73	1,865	327	0	93	64	0	0	221,346	0
Colorado	328	2,874	40	705	0	105	3,074	0	8	306	3,312	3,487
Connecticut	103	1,673	84	571	48	0	0	0	499	8,180	836	727
Delaware	102	1,070	20	346	40	2	115	0	519	10,197	5,149	0
Florida	382	7,898	35	2,069	141	23	491	0	129	8,081	30,716	0
Georgia	714	6,657	65	1,986	210	0	49	65	34	2,672	129,025	205,458
Idaho	340	3,955	85	1,324	205	17	1,302	9	370	6,525	44,941	0
Illinois	2,417	29,242	483	10,109	121	1,292	2,854	0	145	3,226	70,981	73,826
Indiana	105	1,206	10	15	15	0	0	0	2,406	48,831	5,534	0
Iowa	1,311	16,827	485	7,947	1,385	0	1,742	0	2,784	44,549	33,584	4,973
Kansas	1,066	10,919	351	5,083	983	0	3	0	267	5,975	9,339	1,636
Kentucky	142	3,481	32	1,011	107	6	82	0	111	2,051	36,993	3,249
Louisiana	112	2,064	44	1,064	70	146	2,013	21	0	0	61,920	27,421
Maine	1,350	17,066	390	8,031	669	159	671	7	169	3,942	28,862	28,000
Maryland	407	6,082	72	1,470	138	31	1,344	7	3,220	56,001	25,766	0
Massachusetts	1	179	0	0	0	0	582	0	88	4,333	4,275	0
Michigan	1,096	14,609	160	3,448	280	97	267	29	1,211	29,729	30,092	171
Minnesota	1,864	34,577	277	5,256	889	0	0	22	238	6,911	94,455	33,424
Mississippi	412	3,390	40	1,187	100	0	0	6	149	4,624	8,214	0
Missouri	652	8,784	180	3,087	523	0	0	0	20	1,472	94,024	0
Montana	175	2,902	45	1,185	148	7	1,910	0	15	856	3,346	0
Nebraska	202	3,233	38	811	121	0	276	0	114	2,791	10,438	0
Nevada	24	503	7	278	0	15	225	0	57	1,875	307	0
New Hampshire	1,168	15,737	275	5,725	600	0	270	0	9,327	70,464	16,181	0
New Jersey	257	4,411	14	494	18	9	224	0	757	9,449	1,819	0
New Mexico	279	3,910	26	690	53	0	110	0	31	1,207	11,069	2,000
New York	1,381	24,236	1,220	21,907	16	2,695	7,782	0	1,401	42,458	23,479	150,000
North Carolina	720	9,384	50	1,828	90	11	0	100	621	24,164	249,084	0
North Dakota	591	11,775	96	1,707	276	0	1,727	26	12	528	54,972	159,090
Ohio	1,313	19,723	312	5,048	967	0	990	6	2,993	55,669	65,672	26,000
Oklahoma	171	4,213	49	1,739	76	23	445	0	428	10,038	1,658	2,245
Oregon	2,170	23,564	98	3,433	261	0	941	17	0	0	113,379	0
Pennsylvania	3,384	44,322	400	8,552	1,012	0	1,518	21	6,879	141,647	76,358	154,975
Rhode Island	7	198	3	83	1	3	36	0	37	667	74	0
South Carolina	302	2,967	23	592	37	3	29	10	80	5,724	41,165	3,000
South Dakota	148	1,886	35	735	88	47	2,018	0	11	497	2,947	2,000
Tennessee	183	5,357	80	2,656	137	155	548	7	435	14,766	47,186	3,661
Texas	81	2,925	24	1,311	81	0	329	0	629	10,108	1,280	0
Utah	512	4,666	129	1,989	0	301	1,244	0	3	70	5,414	0
Vermont	913	17,510	159	3,948	0	658	2,909	0	668	15,057	5,743	19,706
Virginia	579	11,348	83	3,339	185	0	458	77	212	12,469	189,110	78,805
Washington	880	12,498	170	5,307	619	2	2,062	19	0	0	70,886	0
West Virginia	614	8,443	49	1,012	101	0	143	32	251	1,915	73,695	0
Wisconsin	822	23,037	351	10,427	986	0	3,537	8	5,798	172,108	82,404	16,830
Wyoming	56	1,825	7	688	6	19	585	0	7	512	3,793	0
Puerto Rico	14	716	2	77	0	16	86	0	0	0	73	1,945
Total	31,724	452,409	6,745	148,615	12,716	5,866	45,832	592	43,144	842,971	2,264,586	1,006,698

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, JANUARY 1945

Anti-hog-cholera serum

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	Cc.	Cc.	Cc.	Cc.
January 1945.....	84, 158, 029	82, 059, 606	75, 748, 145	319, 070
January 1944.....	161, 958, 761	173, 057, 627	136, 729, 655	725, 197
7 months ended—				
January 1945.....	762, 502, 150	785, 937, 125	773, 945, 800	3, 429, 908
January 1944.....	1, 201, 791, 762	1, 207, 773, 109	1, 166, 431, 420	6, 352, 522

Hog-cholera virus

Period	Produced			Destroyed	
	Simultaneous	Hyperimmu- nizing	Inoculating	Simulta- neous	Hyperim- nizing
	Cc.	Cc.	Cc.	Cc.	Cc.
January 1945.....	3, 480, 358	16, 794, 990	71, 837	656, 285	642, 565
January 1944.....	4, 937, 902	32, 337, 045	135, 208	254, 884	1, 012, 253
7 months ended—					
January 1945.....	40, 547, 640	137, 849, 291	561, 574	4, 243, 766	4, 738, 313
January 1944.....	68, 505, 926	250, 870, 770	1, 188, 252	3, 102, 551	9, 339, 947

INSPECTIONS AND TESTS IN THE PRODUCTION OF ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS UNDER LICENSES, JANUARY 1945

Period	Animal inspections	Animal rejections	Pigs inoc- ulated	Hogs hyper- pered	Tests supervised	
					Serum	Virus
January 1945.....	230, 952	2, 520	21, 643	11, 920	260	111
January 1944.....	452, 837	5, 253	37, 970	24, 406	576	142
7 months ended—						
January 1945.....	2, 013, 391	20, 837	167, 327	103, 175	3, 229	1, 306
January 1944.....	3, 527, 384	43, 395	316, 798	187, 002	5, 094	1, 947

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, JANUARY 1945

License No. 6-A (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Pitman-Moore Co., Division of Allied Laboratories, Inc., 1200 Madison Avenue, Indianapolis, Ind., for erysipelotheix-rhusiopathiae vaccine.

License No. 6-C issued January 1, 1945, to Allied Laboratories, Inc., 507-509 East Thirty-first Street, Kansas City, Mo., for hog-cholera vaccine.

License No. 9 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Lederle Laboratories, Inc., 30 Rockefeller Plaza, New York, N. Y., for erysipelotheix-rhusiopathiae vaccine.

License No. 9 (limited to calendar year 1945) issued January 1, 1945, to Lederle Laboratories, Inc., 30 Rockefeller Plaza, New York, N. Y., for turkey-pox vaccine.

License No. 52 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Cutter Laboratories, foot of Carleton Street, Berkeley, Calif., for erysipelotheix-rhusiopathiae vaccine.

License No. 52 issued January 1, 1945, to Cutter Laboratories, foot of Carleton Street, Berkeley, Calif., for hog-cholera vaccine.

License No. 99 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to The Corn States Serum Co., 1124 Harney Street, Omaha, Nebr., for erysipelotheix-rhusiopathiae vaccine.

License No. 107 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Jensen-Salsbery Laborato-

ries, Inc., 520 West Twenty-first Street, Kansas City, Mo., for erysipelo-thrix-rhusiopathiae vaccine.

License No. 107 issued January 1, 1945, to Jensen-Salsbery Laboratories, Inc., 520 West Twenty-first Street, Kansas City, Mo., for hog-cholera vaccine.

License No. 112 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Fort Dodge Serum Co., 300 First Avenue, South, Fort Dodge, Iowa, for erysipelo-thrix-rhusiopathiae vaccine.

License No. 165 issued January 11, 1945, to American Scientific Laboratories, 105 Mason Street, Polo, Ill., for pasteurilla-avicida bacterin.

License No. 189 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Norden Laboratories, 227 North Ninth Street, Lincoln, Nebr., for erysipelo-thrix-rhusiopathiae vaccine.

License No. 191 (limited for the duration of the experimental project in the control of swine erysipelas) issued January 1, 1945, to Ashe Lockhart, Inc., 800 Woodswether Road, Kansas City, Mo., for erysipelo-thrix-rhusiopathiae vaccine.

License No. 194 issued February 3, 1940, to Poultry Pathology Laboratories, New Hampshire Agricultural Experiment Station, Durham, N. H., was terminated January 4, 1945, and license reissued on the same date to Poultry Pathology Laboratories, New Hampshire Agricultural Experiment Station, Durham, N. H., for fowl-pox vaccine.

PERMIT ISSUED FOR ORGANISMS OR VECTORS, JANUARY 1945

Permit No. 51 issued January 4, 1945, to The Surgeon General, U. S. Army, Washington, D. C., to import for the duration, organisms or vectors as defined in Sec. 101.1, C. F. R. when handled as prescribed by U. S. Army regulations.

INFORMATION AVAILABLE CONCERNING NEW DIP FOR SHEEP TICKS

The Zoological Division has available a limited supply of a processed article entitled "Destruction of Sheep Ticks by Dipping in Dilute Rotenone Dips." Inspectors in charge desiring one or more copies of this article should submit a request stating the number of copies desired.

PRESS CLIPPINGS ON BUREAU ACTIVITIES DESIRED

Employees of the Bureau are requested to furnish the Washington office with newspaper clippings, including editorials, that relate to both research and regulatory work. This is a valuable means of keeping in touch with public opinion on official work and the extent to which the Bureau's activities are presented in the press. In each case the source and date of the clipping should be shown.

This request concerns, chiefly, items that appear in newspapers and in State and local farm, trade, and professional journals, that come to the attention of employees in the course of their general reading and that may properly be clipped. The Bureau already receives, regularly, the leading veterinary journals and agricultural magazines having national circulation.

Clippings may be addressed to the Information Division of the Bureau, which will classify them and bring them to the attention of division heads and technical workers likely to be most interested. The cooperation of all employees in furnishing such clippings frequently is earnestly requested.

AMENDMENTS TO DEPARTMENT REGULATIONS

The following amendments to the regulations of the Department have been issued:

Amendment 203, covering regulation 1512.

Amendment 204, covering regulation 1413.

Amendment 205, covering regulations 3123 and 3124.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Report of the Chief of the Bureau of Animal Industry. Pp. 48.

Miscellaneous Publication 557. Directory of U. S. Register of Merit Sires and Dams Qualifying Under the National Poultry Improvement Plan, 1942-43. Compiled by the National Poultry Improvement Plan staff, Animal Husbandry Division. Pp. 54.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: A. W. MILLER.

Assistant Chief: HUGH C. MCPHEE.

Assistant Chief: S. O. FLADNESS.

Assistant Chief: PAUL E. HOWE.¹

Business Manager: J. R. COHRAN.

Assistant Business Manager: N. A. OLMSTEAD.

Animal Husbandry Division: HUGH C. MCPHEE, *Head Animal Husbandman in charge.*

Field Inspection Division: S. O. FLADNESS, *Principal Veterinarian in charge.*

Information Division: D. S. BURCH, *Information Specialist in charge.*

Interstate Inspection Division: W. M. MACKELLAR, *Principal Veterinarian in charge.*

Pathological Division: HARRY W. SCHOENING, *Principal Veterinarian in charge.*

Tuberculosis Eradication Division: A. E. WIGHT, *Principal Veterinarian in charge.*

Division of Virus-Serum Control: D. I. SKIDMORE, *Principal Veterinarian in charge.*

Zoological Division: BENJAMIN SCHWARTZ, *Principal Zoologist in charge.*

¹ On military furlough.







